SYNAPSE

Date: November 3rd, 2016

FCC ID: 2AJ3LA

To Whom It May Concern,

The UBER FF01 device is a consumer electronics device that is mounted inside an automotive that displays a logo by using a set of color programmable Light Emitting Diodes (LED), backlighting semi-transparent light diffusing disk. The device normally is powered by its internal battery source.

The LED's are controlled via the commands from the User's smartphone running an application. The commands are sent to the device by using the device's Nordic Bluetooth Low Energy radio (BLE). The RF signal is via the device's fixed, integrated printed circuit board trace antenna.

Normal operation is when the device is powered by its internal battery. It has a single USB port jack that is solely used to charge this battery. No data is passed via the device's USB port as wiring to support that function is not present in the device. The operation and behavior of the device is identical when either powered by its internal battery, or when the device's internal battery is being recharged via the USB port.

The provided USB charger accessory is a 12 V input automotive (cigarette lighter) manufactured by Bracketron Incorporated; Model number is BT2-920-3. A two meter long USB cable is also provided for charging the devices internal battery.

The type of equipment approval being sought is an original certification under FCC 15.247.

Sincerely,

Charles Manry, PhD
Senior RF Engineer
Synapse Product Development

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